SMITH, GAMBRELL & RUSSELL, LLP

AccuRoute ™
Intelligent Document Routing

USPTO -Examiner Godenschwager - Art Unit 196

Created By: SJREVELL@sgrlaw.com
Created On: 10/15/2008 11:06:58 AM
Expires On: (no expiration)
Single Use? No

Distribution
e-Mail:

Filing:

Print:

Fax:
571-273-8300
571-270-4302

Place this Routing Sheet in Front of Hardcopy Document and then Scan or Fax

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	**10/532,202**	Confirmation No.: **6755**
Applicant(s):	**STEFFEN HASENZAHL, ET AL.**	
Filed:	**April 14, 2005**	
TC/A.U.	**1796**	
Examiner:	**Peter F. Godenschwager**	
Title:	**PULVERULENT MATERIALS**	

Docket No.: **032301.415**
Customer No.: **25461**

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

LETTER TO EXAMINER PRIOR TO INTERVIEW

The following is a proposal for discussion purposes only at an interview to be scheduled.

It is proposed to amend the claims as shown on the attached pages.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

By: _____
Robert G. Weilacher, Reg. No. 20,531

Dated: October 15, 2008
Suite 3100, Promenade II
1230 Peachtree Street, N.E.
Atlanta, Georgia 30309-3592
Telephone: (404) 815-3593
Facsimile: (404) 685-6893

LIT\1051458.1

App. No. 10/532,202
Attachment to Letter dated Oct. 15, 2008
For Discussion Purposes Only

Listing of Claims:

1. (Currently Amended) Pulverulent materials and mixtures thereof, comprising one or more surface-modified and structure-modified pyrogenically prepared metalloid or metallic oxides wherein the surface-modified and structure-modified pyrogenically prepared metalloid or metallic oxide is

~~(a)~~ a silanized structure-modified silica having alkylsilyl groups ~~of the formula SiC_nH_{2n+1} where n=2-18~~ which are octylsilyl and/or hexadecylsilyl attached to said silica, and having the following physiochemical properties:

BET surface area	25-400 m^2/g
Average primary particle size	5-50 nm
pH value	3-10
Carbon content	0.1-25% [[; or]] .

~~(b) a silanized structure-modified silica, which is characterized by having a group attached to said silica, said group being selected from the group consisting of dimethylsilyl and monomethylsilyl, and mixtures thereof, having the following physicochemical data:~~

~~BET surface area~~	~~25-400 m^2/g~~
~~Average primary particle size~~	~~5-50 nm~~
~~pH value~~	~~3-10~~
~~Carbon content~~	~~0.1-10%~~
~~DBP number %:~~	~~<200.~~

2. (Currently Amended) Method of improving the flowability of pulverulent materials and mixtures thereof, comprising adding to the pulverulent materials and mixtures thereof one or more surface-modified and structure-modified pyrogenically prepared metalloid or metallic

oxides wherein the surface-modified and structure-modified pyrogenically prepared metalloid or metallic oxide is

~~(a)~~ a silanized structure-modified silica having alkylsilyl groups ~~of the formula SiC_nH_{2n+1} where n=2-18~~ which are octylsilyl and/or hexadecylsilyl attached to said silica, and having the following physiochemical properties:

BET surface area	25-400 m^2/g
Average primary particle size	5-50 nm
pH value	3-10
Carbon content	0.1-25%[[; or]] .

~~(b) a silanized structure-modified silica, which is characterized by having a group attached to said silica, said group being selected from the group consisting of dimethylsilyl and monomethylsilyl, and mixtures thereof, having the following physicochemical data:~~

~~BET surface area~~	~~25-400 m^2/g~~
~~Average primary particle size~~	~~5-50 nm~~
~~pH value~~	~~3-10~~
~~Carbon content~~	~~0.1-10%~~
~~DBP number %:~~	~~<200.~~

3. (Cancelled)

4. (Currently Amended) A composition of matter comprising at least one pulverulent material which is a fire-extinguishing powder and at least one surface-modified pyrogenically prepared metalloid or metallic oxide wherein the surface-modified and structure-modified pyrogenically prepared metalloid or metallic oxide is

~~(a)~~ a silanized structure-modified silica having alkylsilyl groups ~~of the formula $SiCnH_{2n+1}$ where n=2-18~~ which are octylsilyl and/or hexadecylsilyl attached to said silica, and having the following physiochemical properties:

BET surface area	25-400 m^2/g

Average primary particle size	5-50 nm
pH value	3-10
Carbon content	0.1-25%[[; or]] .

~~(b) a silanized structure-modified silica, which is characterized by having a group attached to said silica, said group being selected from the group consisting of dimethylsilyl and monomethylsilyl, and mixtures thereof, having the following physicochemical data:~~

~~BET surface area~~	~~25-400 m^2/g~~
~~Average primary particle size~~	~~5-50 nm~~
~~pH value~~	~~3-10~~
~~Carbon content~~	~~0.1-10%~~
~~DBP number %:~~	~~<200.~~

5.-13. (Cancelled)